

Title (en)

PROCESS FOR THE PRODUCTION OF POSSIBLY CELLULAR POLYURETHANE POLYUREA MOULDED ARTICLES, AND ALKYL-SUBSTITUTED PHENYLENE DIAMINES FOR THAT PURPOSE

Publication

EP 0069286 B1 19850918 (DE)

Application

EP 82105593 A 19820625

Priority

DE 3126435 A 19810704

Abstract (en)

[origin: EP0069286A1] 1. A process for the preparation of cellular or non-cellular polyurethane-polyurea moldings by reacting organic polyisocyanates, polyols and alkyl-substituted phenylenediamines and chain extenders, secondary aromatic diamines and/or 3,3',5,5'-tetra-alkyl-substituted 4,4'-diaminodiphenylmethanes in the presence or absence of blowing agents, auxiliaries and additives, wherein there are used as alkyl-substituted phenylenediamines compounds of the formulae see diagramm : EP0069286,P13,F1 see diagramm : EP0069286,P13,F2 and/or see diagramm : EP0069286,P13,F3 where R**1 and R**2 are identical or different and each denotes an alkyl radical of 1 to 4 carbon atoms which are arranged linearly or branched, and R**3 is an alkyl radical of 4 to 12 carbon atoms or a five- or six- membered cycloalkyl radical, these phenylenediamines or their mixtures being used in an amount of from 5 to 150 parts by weight per 100 parts by weight of polyol.

IPC 1-7

C08G 18/14; **C08G 18/32**; **C07C 87/58**

IPC 8 full level

C08G 18/32 (2006.01); **C08G 18/65** (2006.01)

CPC (source: EP)

C08G 18/6529 (2013.01); **C08G 2120/00** (2013.01)

Cited by

US7114663B2; US7169439B2; US4444910A; EP0153606A3; EP0157119A1; US5364852A; EP0178583A1; US4433067A; EP0262423A3; US4745223A; EP0157120A1; US4636531A; EP0081701A1; US4774263A; US4774264A; WO2008039715A1; EP0119471B1; WO9846367A1

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